



PATENT  
514413-3525

**IN THE UNITED STATES PATENT AND TRADEMARK**

Applicant

: Streber et al.

#

Serial No.

: 07/322,604

35

Filed

: March 10, 1989

Title

: MICROORGANISMS AND PLASMIDS FOR  
2,4-DICHLOROPHOXYACETIC ACID  
(2,4-D) MOXOXYGENASE FORMATION AND  
PROCESS FOR THE PRODUCTION OF THESE  
PLASMIDS AND STRAINS

Group Art Unit

: 1646

Examiner

: John Ulm

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Date of Deposit: May 24, 2000

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Washington, D.C. 20231

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**COMMUNICATION FORWARDING FORMAL DRAWINGS  
AND PETITION TO ACCEPT PHOTOGRAPHS UNDER 37 C.F.R. 1.84(b)**

Sir:

Applicants submit this document in response to the Notice of Allowability mailed  
May 11, 2000, calling for formal drawings and in response to the Notice of Draftsperson's Patent  
Drawing Review, PTO-948, attached to Paper No. 7.

Applicants enclose 17 sheets of new formal drawings (Figures 1 to 14) which have been prepared in accordance with the requirements of the Notice of Draftsperson's Patent Drawing Review, PTO-948, and the Notice of Allowability.

Figures 12a, 12b, 14a and 14b are black and white photographs and are submitted as photographs because they are otherwise incapable of being accurately or adequately depicted by ink drawings. Each of these photographs are submitted in triplicate and are properly mounted on photographic double weight paper. The original photographs mounted on bristol board paper were submitted in related application Serial No. 08/470,588. The formal drawings for application 08/470,588 and the present application are identical. If necessary, Applicants respectfully request that the Patent Office access the bristol board photographs from application Serial No. 08/470,588.

Pursuant to the provisions of 37 CFR 1.84(b), Applicants hereby petition the Commissioner to accept these photographs as formal drawings. Any requisite fee for this Petition, including the fee under 37 CFR §1.17(h), may be charged to Deposit Account No. 50-0320.

Applicant's draftsperson prepared formal drawings (ink drawings) for figures 8 and 9. Therefore, no petition for the acceptance of photographs for these figures is believed to be required.

It is submitted that these formal drawings (Figures 1 to 14) fully comply with 37 C.F.R. 1.84 and 1.152 and should now be acceptable.

If any fee is determined to be due for entry and consideration of these formal drawings, the Commissioner is hereby authorized to charge any fee or credit any overpayment to Deposit Account No. 50-0320.

Consideration and entry of the enclosed formal drawings into the file of this application are respectfully requested.

Respectfully submitted,

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Attorneys for Applicant

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Fig. 1

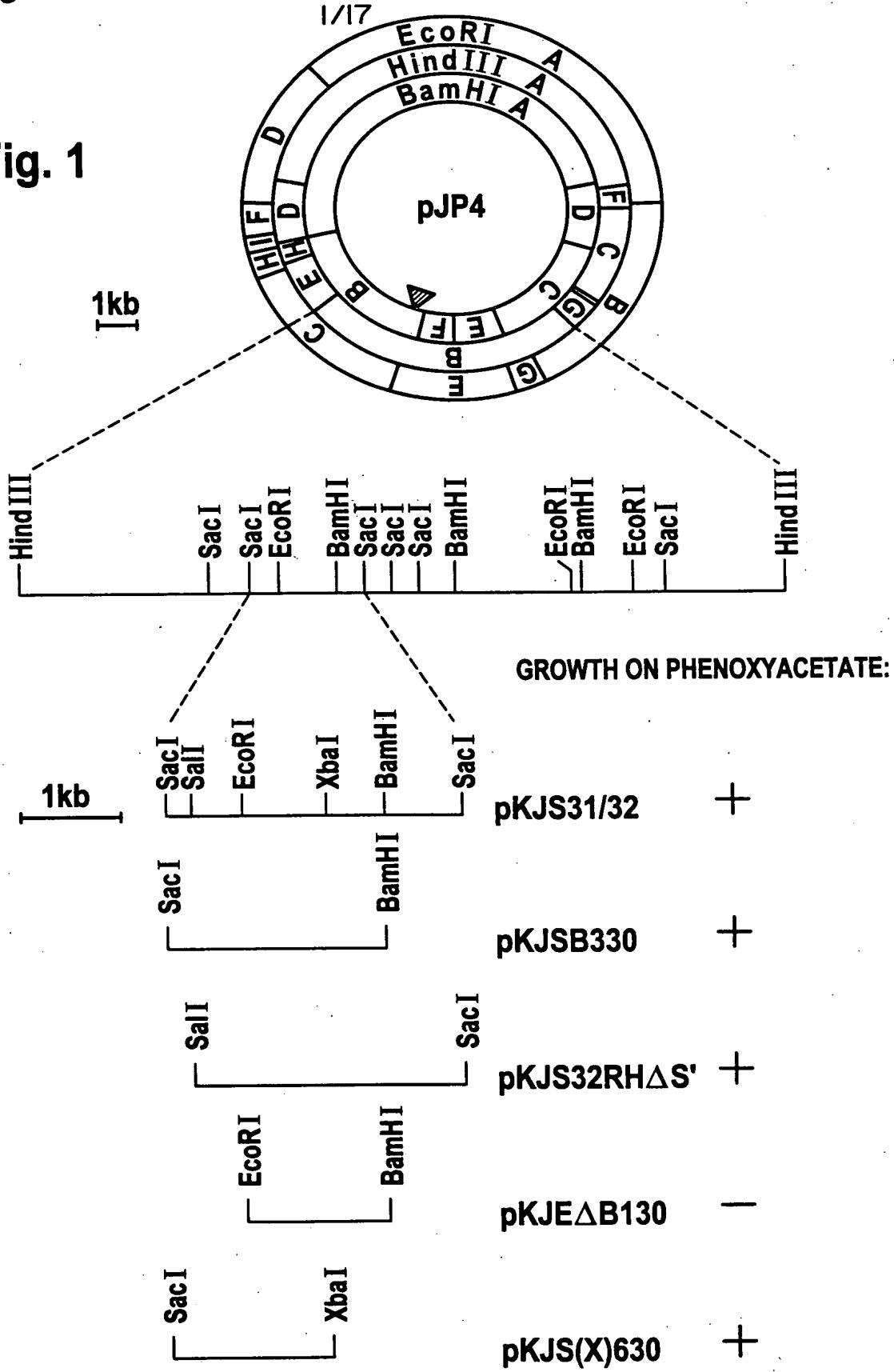


Fig. 2

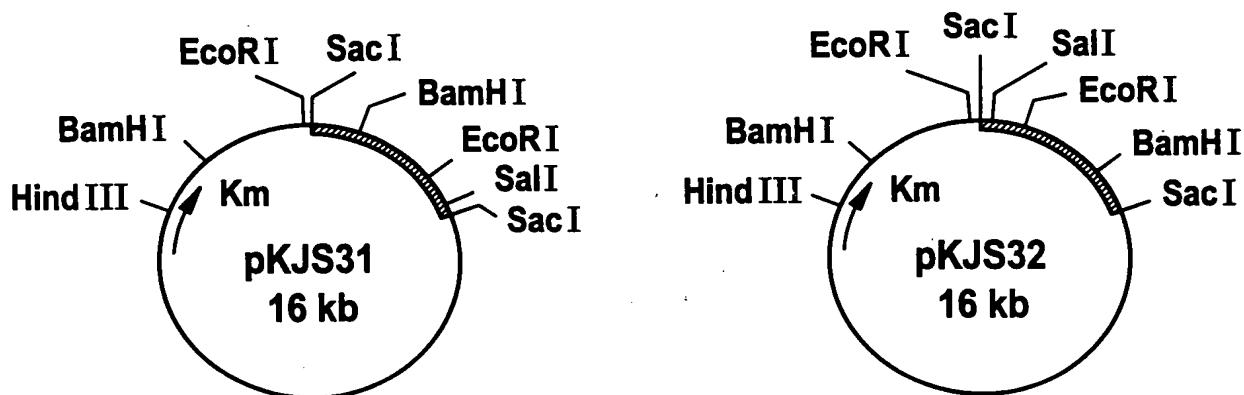
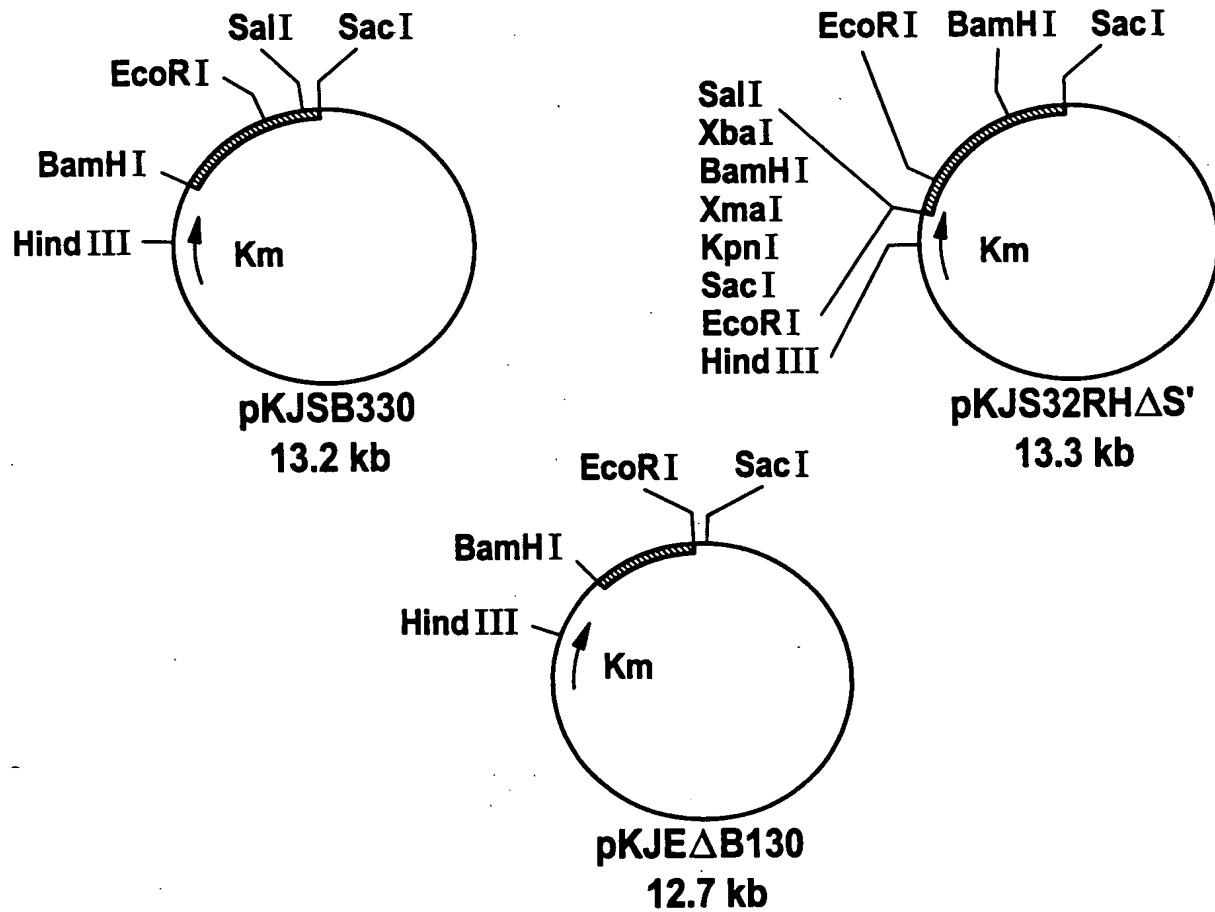


Fig. 3



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Fig. 4

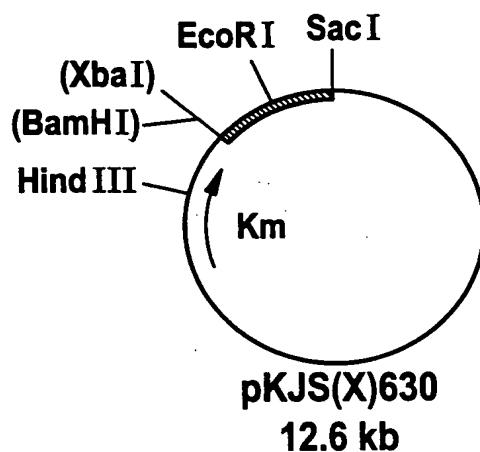
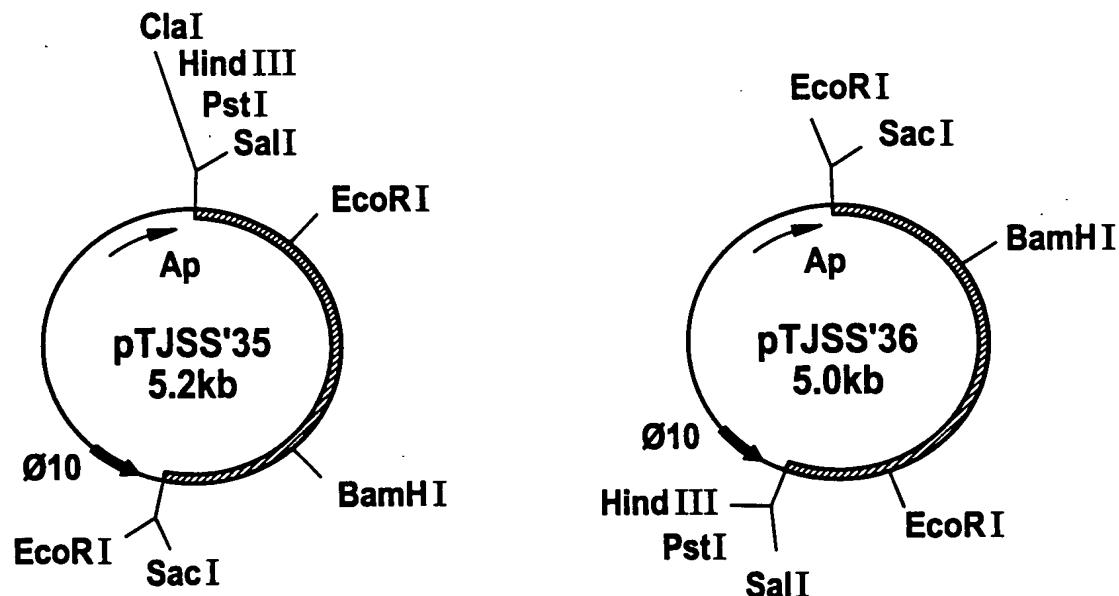
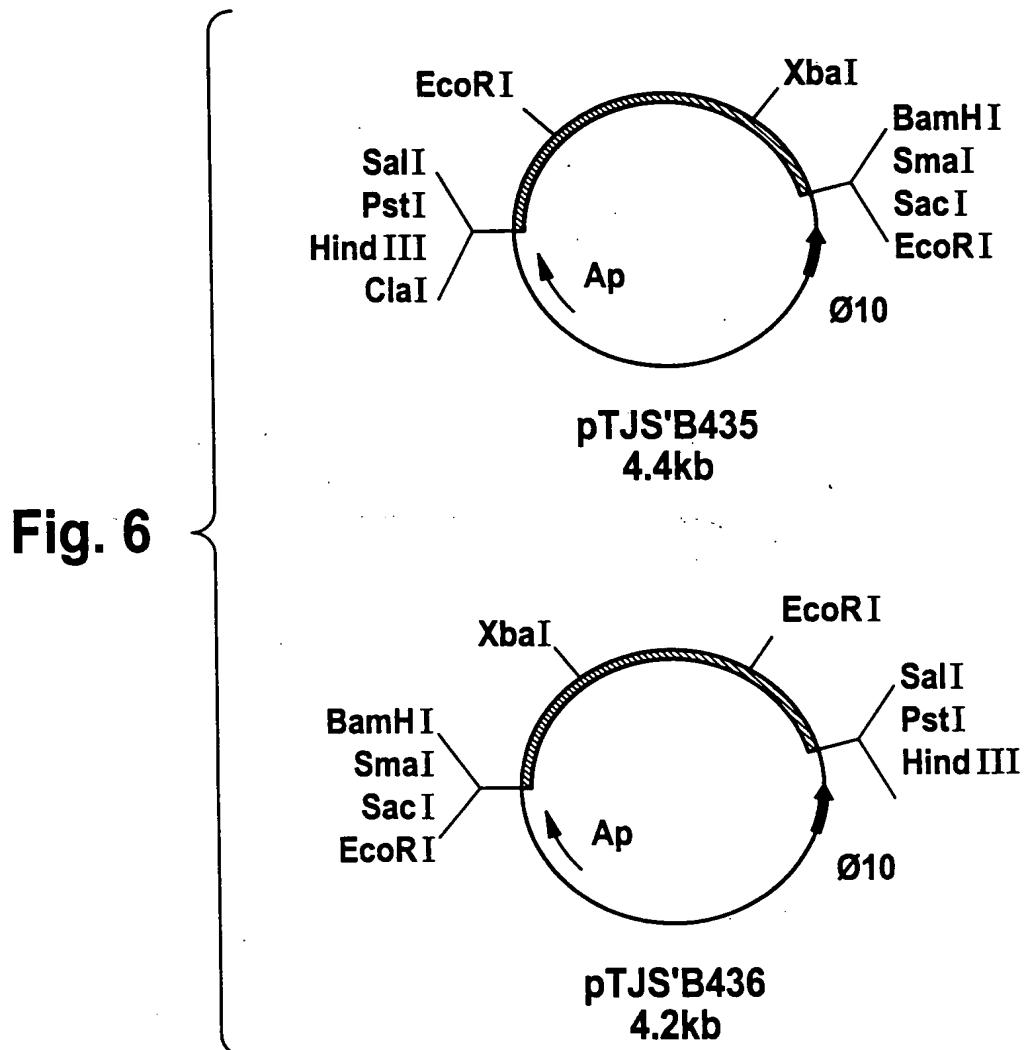
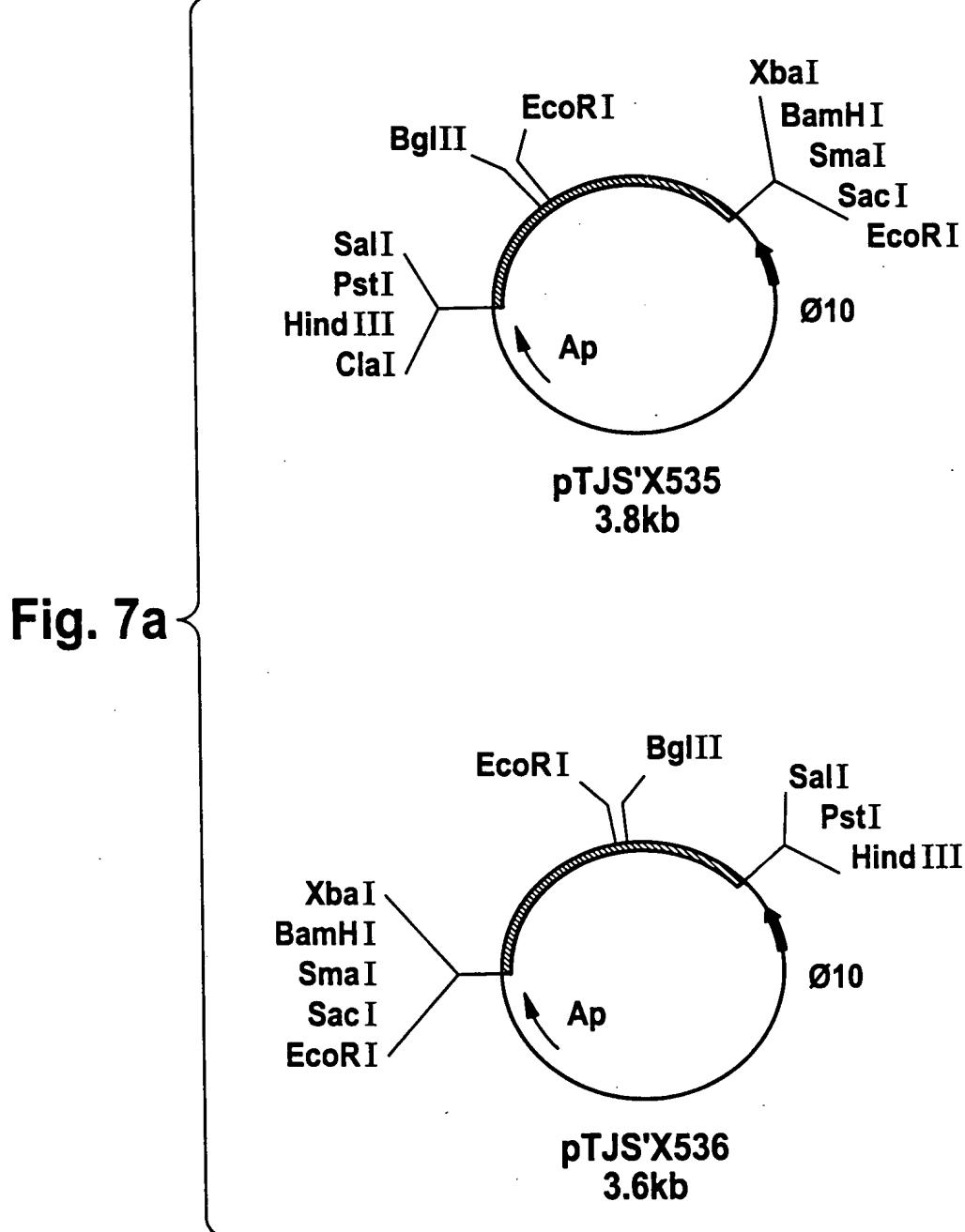


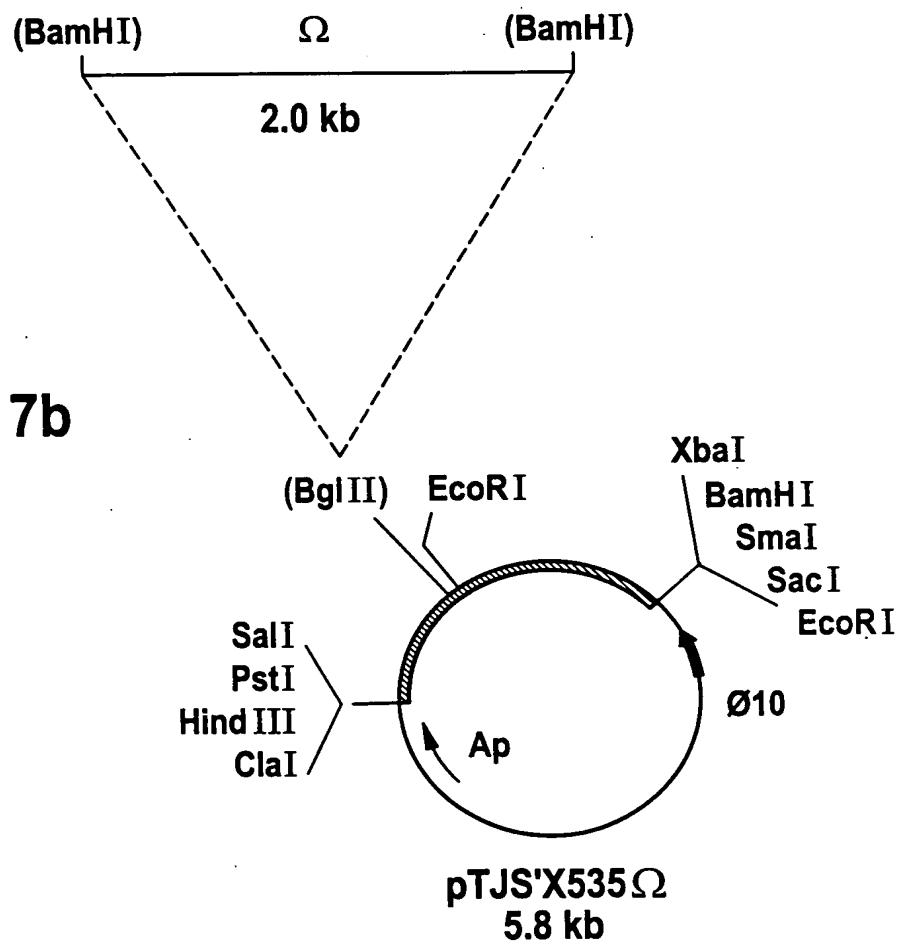
Fig. 5







**Fig. 7b**



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Fig. 8

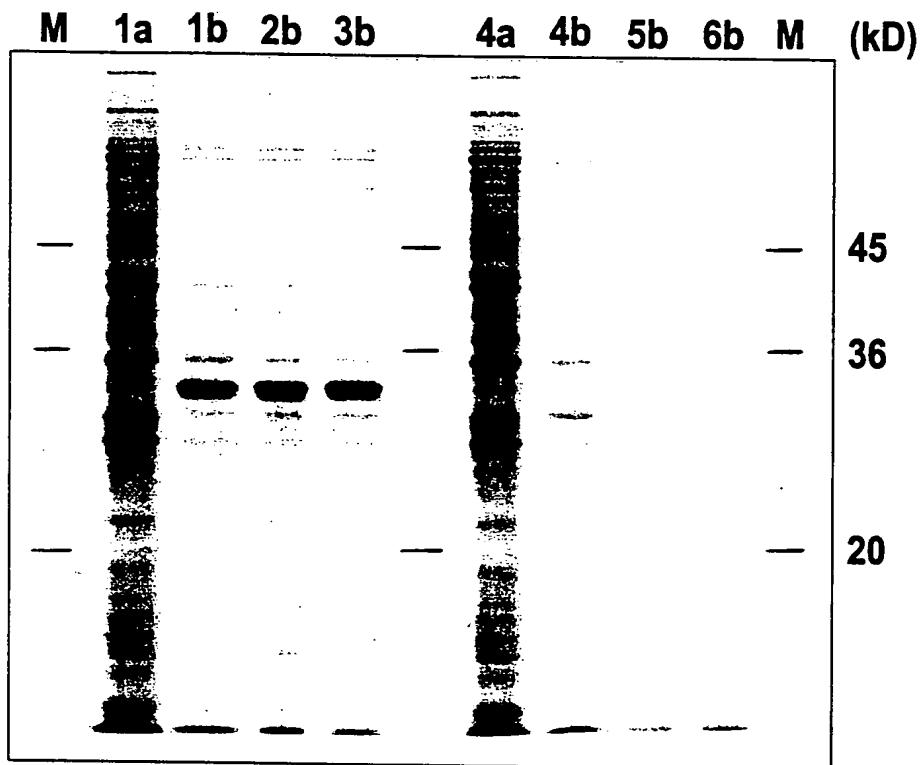


Fig. 9

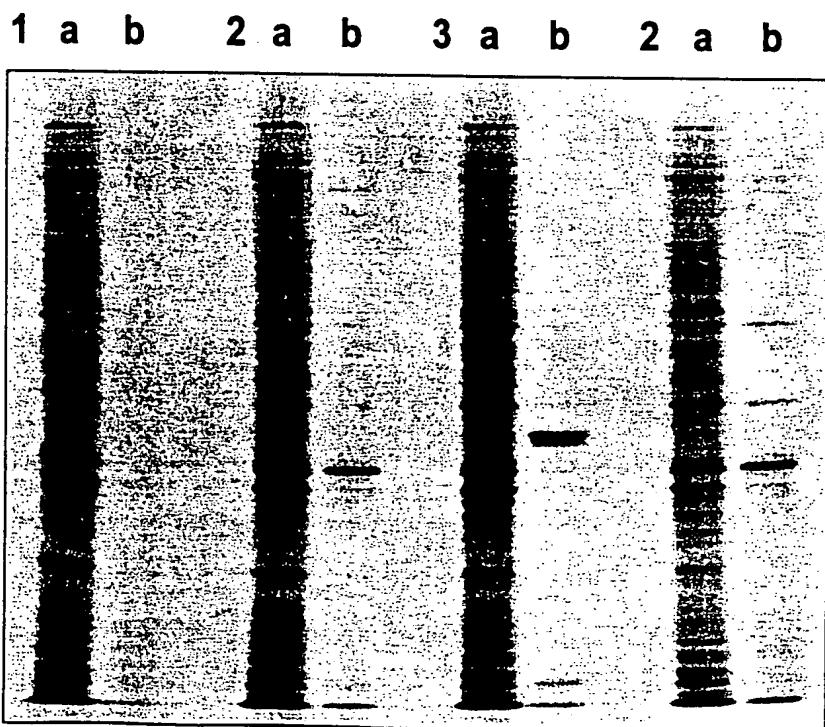


Fig. 10a-1

10 20 30 40 50 60  
GGATCCTGTCAGCTGGGCCAATGCTCGAACCGCTGCGATATA  
70 80 90 100 110 120  
TGCAGGTGCTCACCGTGATTCCAGGCTCCTGGGGTAGAACGGGAGATGG  
130 140 150 160 170 180  
ATGGTGGCCGGCACGGCAGGGCCTCGATCTGCCGACCTTGGCATCAGGGCAGAGACAGC  
190 200 210 220 230 240  
GTCGGCCCCGGGACCCGGCTGCGTGAACGCCATGGAGCAATGCCGGGACGGTCTGGTAGATC  
250 260 270 280 290 300  
GCCGGTGGCGAGGTAGCCGATATCGAGTTGGCCGATCTCGCCCCGGCTGGGGGGGAC  
310 320 330 340 350 360  
CGGTCCACGGAAAGTCCGACCCAGTTCGAGCATGCCCGCATCTCGAGAAACGCCAGATGC  
370 380 390 400 410 420  
CGGGGGGGTGAAGCTGGCACGCCGGCTGGAAATAACGCCAGATGC  
430 440 450 460 470 480  
GTTCGAGCCGCGTGAATCTGTCGCCGTGACCCGGGCTGGAAATA  
490 500 510 520 530 540  
GGGGCACCGACCGTTGCCCTCCCGGGAGCAACGAAATAGCGAAGCTGTCGAAACTCC

Fig.10a-2

550 560 570 580 590 600  
ATTCTCACTCCTGGTGGCTGGCTCCGGAGAGCCATAACCGATCCGATCCGTATCGCT  
610 620 630 640 650 660  
CGCGCTGATGGAAGGTATAGACCATATGGCCCCGGCATTCTAGACTACCGGCCATGATAA  
670 680 690 700 710 720  
AACTCGGCTGCTCTCGTCTGCTGGAACATCTTCAGGGCGCTGAGCCGTCTTTGAA  
730 740 750 760 770 780  
ACAGTCTCTAGAAAAGGAGCAAAGTGAAGCGTCTGGCAAATCCCCCTTCATCCTCTT  
790 800 810 820 830 840  
TTCGCCAGGGGTCGAAGACATCGACCTTCGAGAGGCCTTGGGTTCGACCGAGGTCCGA  
850 860 870 880 890 900  
GAGATCGAACGGCTAATGGACGAGAAGTTCGGTGGTGTCTCCGGGGCAGCCCCCTGAGT

Fig. 10a-3

910 920 930 940 950 960  
CAGGATCAGCAGATCGGCCTTCGGCGCAATTTCGGCCACTCGAAGGGCTTTCATCAAG  
970 980 990 1000 1010 1020  
GTCAATCAAAGACCTTCGAGATTCAAGTACGGGGAGTTGGGGACATCTCGAACGTCAGT  
1030 1040 1050 1060 1070 1080  
CTCGACGGCAAGGTGCGAACGGCGATGCCGCGAGGTGGTGGGAACACTTCGGGAACCGAG  
1090 1100 1110 1120 1130 1140  
CTCTGGCACAGCGACAGCTCCTTTCAGCAACCTGCTGCCCCGCTACTCGATGCTCTCCGGCG  
1150 1160 1170 1180 1190 1200  
GTGGTGGTTCCGGCGTCGGGGAGGACACCCGAGTTCTGGACATGGCTGGGCATACGAC  
1210 1220 1230 1240 1250 1260  
GGGCTGGCGGGACCTCCAAATCCGAGTTGGAAAGGGCTGGCTGGCACTACGGCACTG

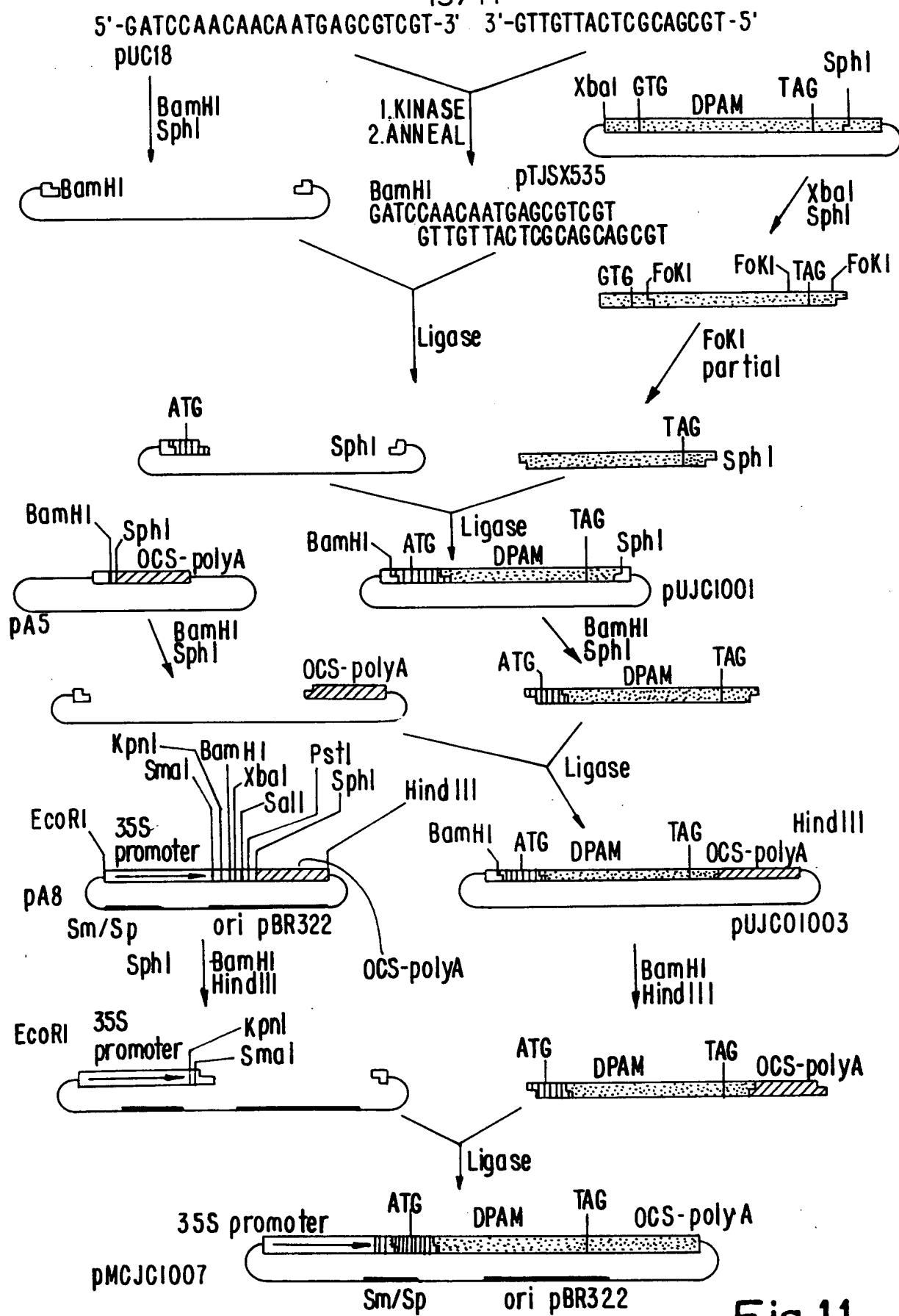
Fig. 10b-1

1270 1280 1290 1300 1310 1320  
AACTCCCGCTTCCTGGCTCGGCCACACCGACTATTGGAAAGCGCAACGCCATGCCG  
1330 1340 1350 1360 1370 1380  
CGGGTCAACTGGCCGCTGGTCTGGAAACCCACGGCCCTCCGGGCAAGTTCTTCATC  
1390 1400 1410 1420 1430 1440  
GGCGGCCACGGGAGCCACGGTCAAGGGCTTCCGGTGGCCGAAAGGCCGGATGCTGCTGGC  
1450 1460 1470 1480 1490 1500  
GAGCTCTGAGCACCGCACAGGGAAATTCTGGTACCGGCATCGCTGGAACGTTGGGA  
1510 1520 1530 1540 1550 1560  
GATCTGGTGTGGACAAACCGCTGGTTCTCACCGGGACGGTACGACATCTCG  
1570 1580 1590 1600 1610 1620  
GCCAGGGTGAAGCTGGCCGGGACCAACCCCTGGACGGATGCCGTGGCAGGCCA  
1630 1640 1650 1660 1670 1680  
TGGCCACGGCCCTTTCGGAAAGGCCACAAAGATGTACGGAAACCCCTGATCAGGGCAGC

Fig.10b-2

1690 1700 1710 1720 1730 1740  
CGTAGCCCTGGACACCTTGGCGAGCGCGTCCCTGAGCGGGCGCTGGCG  
  
1750 1760 1770 1780 1790 1800  
GCATGGGATTGAGGGGGGTGATGTCGTCGCCATCGCCTCATGCGCAATGACTTCCGGTG  
  
1810 1820 1830 1840 1850 1860  
CTCGAAATGACGGCTGGCCGGAACCGGCCGGCATCGTTGCGGTGCCCTTGAACTGGCAT  
  
1870 1880 1890 1900 1910 1920  
GCCGAACCGGGACGAGATCGCCTTCATCCTCGAGGAACTGCAAAGCGCGTGTGCTCGCG  
  
1930 1940 1950 1960 1970 1980  
CACACCGATCTGCTCAAGGGCGTTGCATCCGGCGTGGCCATGGCCAGGGCTGCAAGGTGCTGGAA  
  
1990 2000 2010 2020 2030 2040  
GCCGCCTCGCCGGAGATCCGGCAGGGCTATCGGCTGGATGCGTCGTCGACGGCG  
  
2050 AACCCGGGGACGGGTGAC

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Fig. I2a

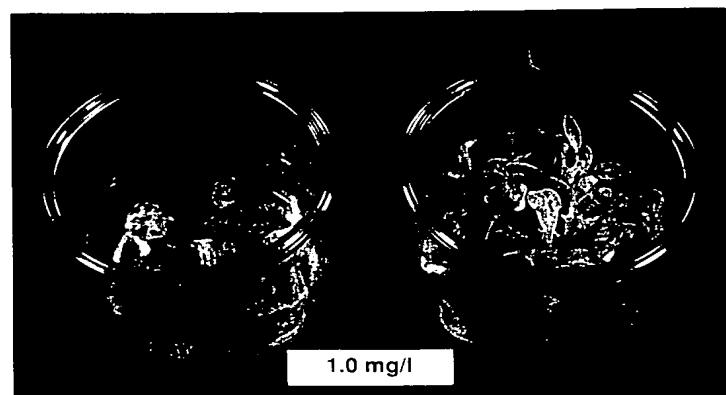
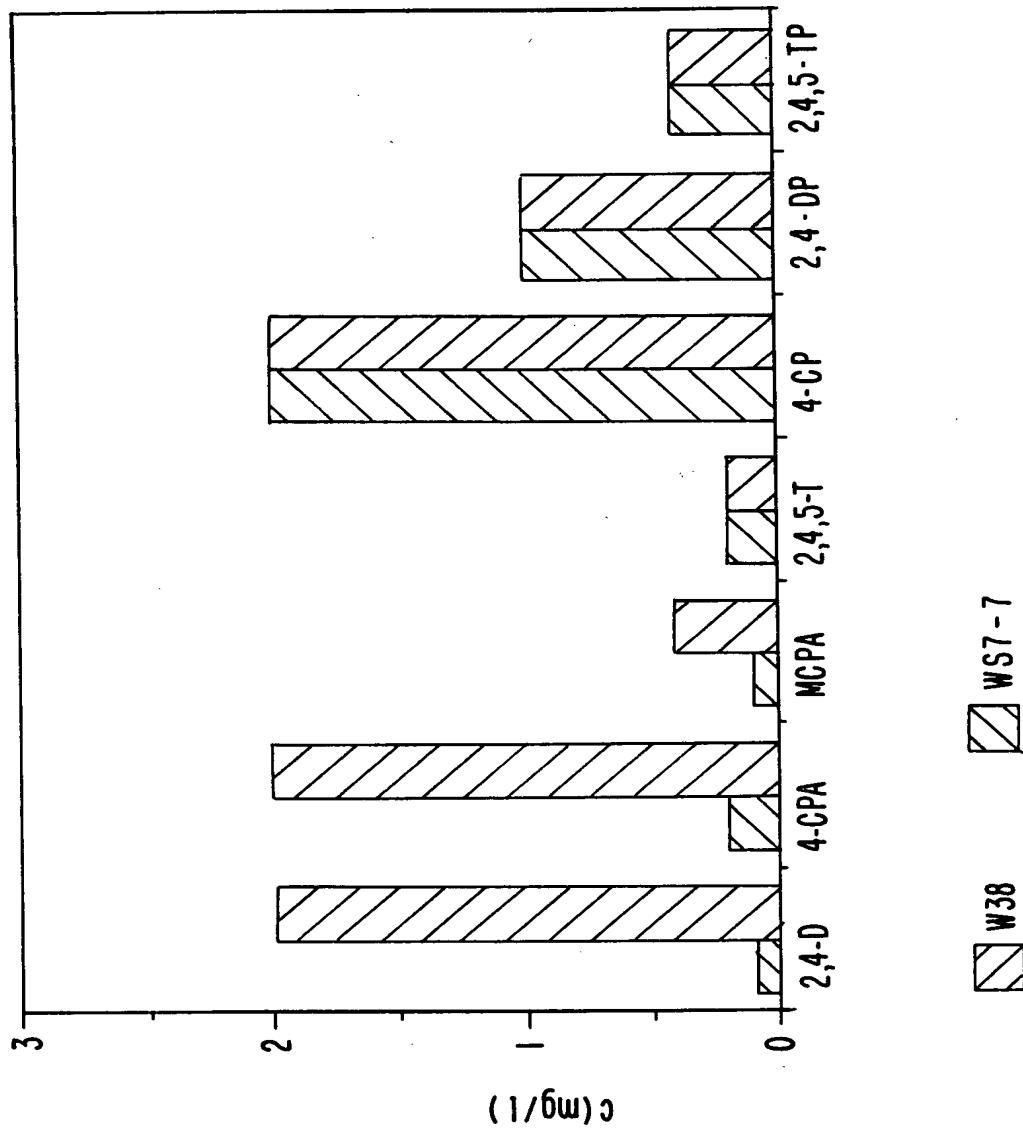


Fig. I2b

Fig.13



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Fig. 14a

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Fig. 14b